

51.9/100

Overall Health Score

33.7/100

Effort Reduction

55.8/100

CPUE Recovery

80.4/100

Compliance

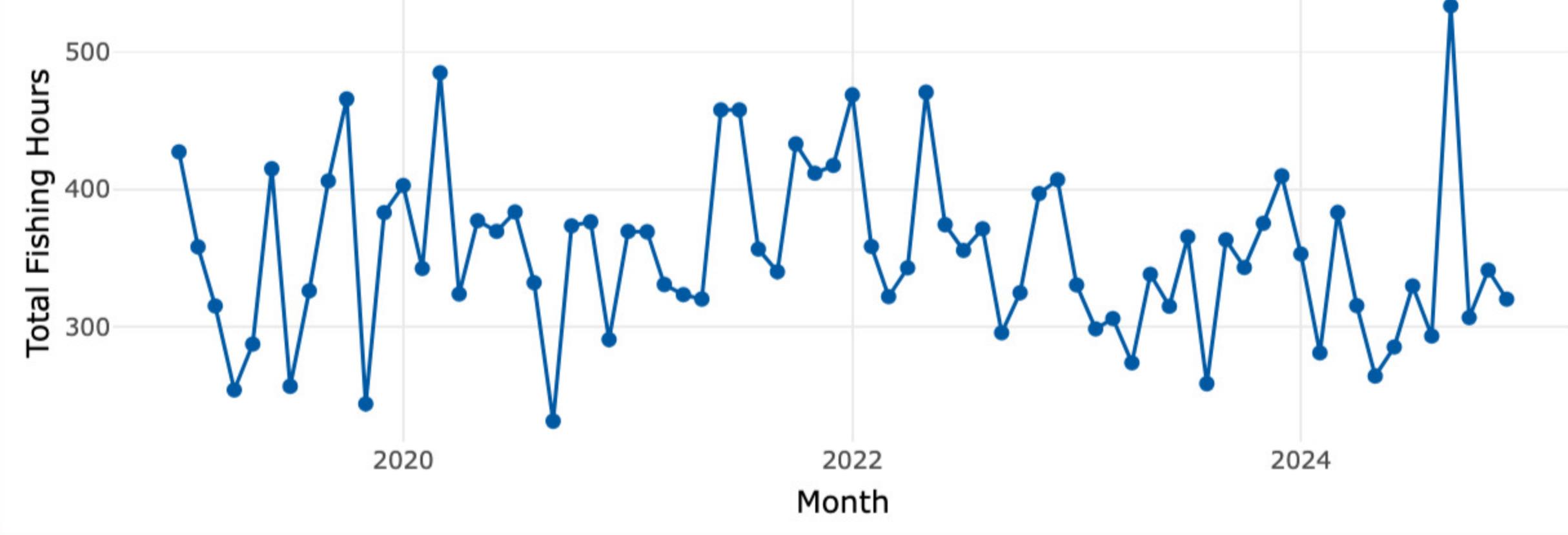
MPA & Fishing Effort Map



Time Series Analysis

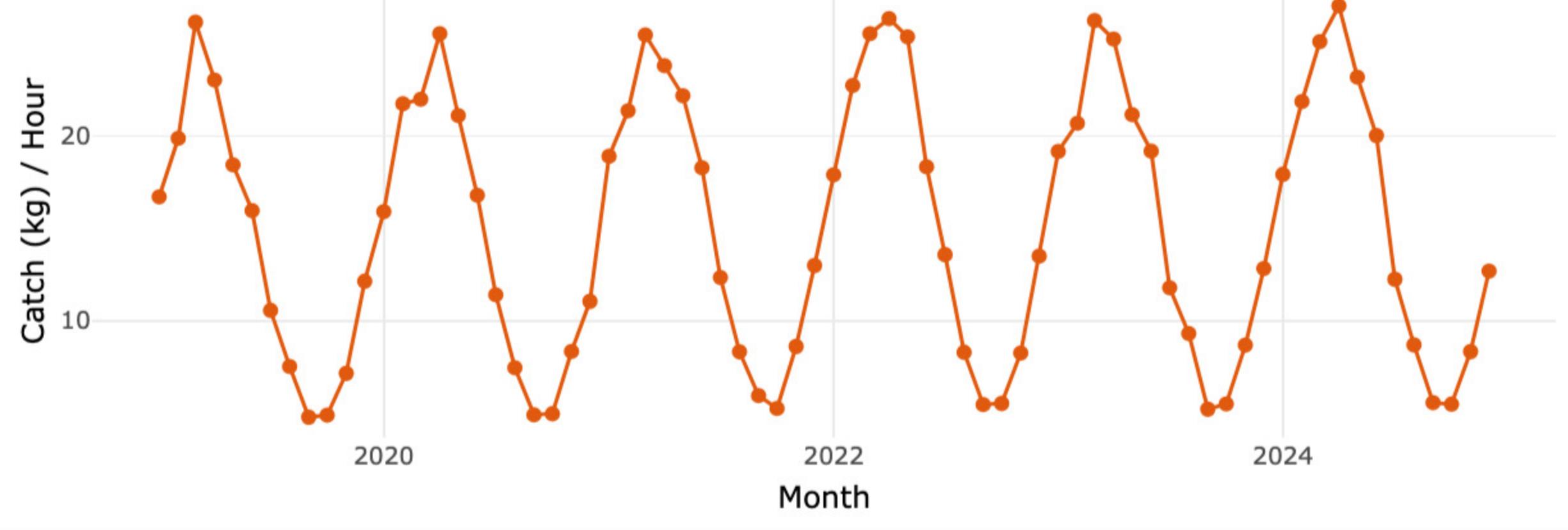
Showing Analysis for: Hadley Reef Sanctuary

Monthly Fishing Effort



Monthly Catch Per Unit Effort (CPUE)

Leaflet | Tiles © Esri — Source: Esri, i-cubed, USDA, USGS, AEX, GeoEye, Getmapping, Aerogrid, IGN, IGP, UPR-EGP, and the GIS User Community



Conservation Intelligence

- Concerning trends - immediate action recommended
- ✓ Fishing effort increasing - review compliance

Priority Actions

- ✉ Schedule community meeting
- 📋 Review regulations
- 🔍 Conduct assessment

Trend Analysis

- ➡ Effort stable - monitoring required
- ➡ CPUE stable - sustainable levels maintained

Risk Assessment

Risk Level: MEDIUM RISK

- ⚠ Increasing fishing pressure
- ⚠ Declining catch rates

Conservation Timeline

- 📅 Monitoring period: Jan 2019 to Dec 2024
- 📊 Active months: 72
- 📍 Fishing observations: 50,000
- 🕒 Trend analysis updated monthly

Policy Scenario Analysis

 Season Closure (June-August) Industrial Gear Ban

Alert Thresholds

Effort Change Alert (%)

25

CPUE Change Alert (%)

20

Run Policy Analysis

Click to analyze the impact of selected policy scenarios on fisheries metrics

Data Quality Dashboard

Completeness

100%

Accuracy

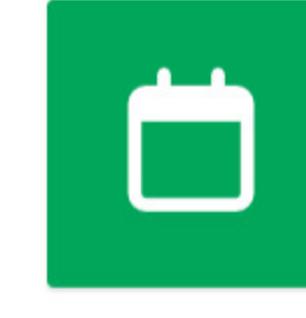
95%

0%

0%



TOTAL RECORDS

50,000

DATE COVERAGE

Jan 2019 - Dec 2024

Fisheries Data Explorer

Quick Filters:

All Data

Export Data Show Column Metrics**Refresh**

Search

V130	15/05/2023	14.709	-69.781	7.3	113.8	small_scale	Outside
V114	23/09/2020	14.448	-69.661	5.7	23.0	small_scale	Outside
V150	11/11/2019	14.791	-70.557	8.1	90.1	industrial	Outside
V113	02/12/2023	15.172	-69.881	8.3	66.2	small_scale	Hadley Reef Sanctuary
V102	11/03/2019	15.422	-70.386	6.9	161.3	small_scale	Outside
V141	02/11/2024	14.289	-69.814	6.0	38.0	small_scale	Outside
V149	29/09/2024	14.782	-69.711	6.2	26.0	small_scale	Outside
V142	29/11/2024	14.229	-69.823	5.9	40.3	small_scale	Outside
V136	31/07/2021	14.198	-69.501	13.2	98.0	small_scale	Outside
V113	09/06/2019	15.379	-69.519	8.4	105.6	small_scale	Hadley Reef Sanctuary